

Hauarahi stream flood model

A model was developed for the Wharekawa Coast 2120 project to look at the impacts of river flooding events in the Hauarahi stream, to help us understand where flooding is likely to occur in Kaiaua during different sized events.

The councils (HDC and WRC) have been working together to gather updated information to feed into this model. This information includes the latest LiDAR information and surveyed minimum floor levels and will assist us to update and improve the model, to support the implementation of the actions agreed upon through this project.

Once we've reviewed this information and worked out what is required to update the model we'll let you know the timing of the update and when it's likely to be completed.



Bridge repairs spanning 2021 - 2024

Bridges in the area have been inspected.

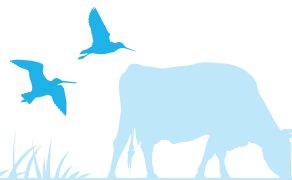
Work has been completed on:

- **Waihihi Bridge**
Replacement of solid panel on north end upstream side;
Concrete repairs / encasement of concrete piers.
- **Boundary Bridge**
Crack injection repair to beam soffits.
- **Whakatiwai Bridge**
Crack injection repair to beam soffits and exterior beam face.
- **McCarties Bridge**
Concrete repairs and removal of reinforcing corrosion.

Underway in 2023/2024 financial year (June-August 2023):

- **Waihopuhopu Bridge**
Clean and paint sight rails. Trim vegetation. Repair concrete spalling. Construct gabion wall and sight rails at one of the approaches.
- **Front Miranda Rd Bridge No.3.**
Repair concrete spalls. Install new HD bolts for one guard rail.
Construct mortar pads below guard rails.





Land Drainage information

Purpose of land drainage

The primary purpose of land drainage is to allow landowners to manage groundwater levels to support pastoral farming. It clears ponded water from a one in 10-year rainfall event within three days to minimise pasture damage. Within these parameters it is intended that a balanced level of drainage is delivered, while trying to ensure 'over drainage' doesn't become a major issue.

What is and isn't included in our drainage network

Not all drains are managed by our council, but we do maintain the main established network to provide a drainage outlet to each property within the drainage areas. We also regularly review the effectiveness of the drainage networks and, as a result of this process, existing private drains may be added to the council network.

To view Council land drainage, click on the Utilities Map, and select 'land drainage' on Maps Online.

<https://www.hauraki-dc.govt.nz/property-rates/maps-online>

Drain Maintenance

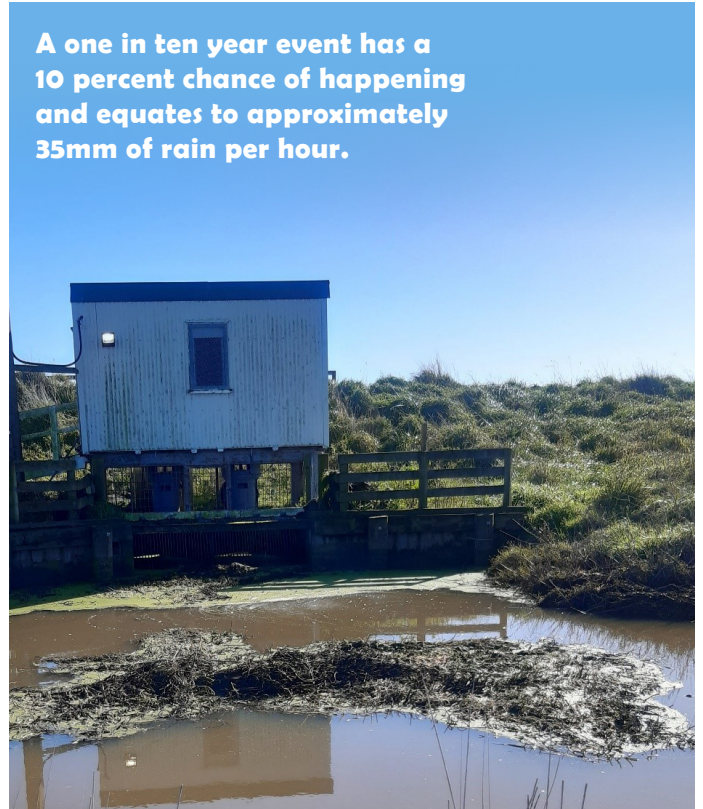
Drain maintenance activities, like inspections, emergency response, spraying and machine cleaning, are carried out by our Council for the Hauraki District land drainage areas. Waikato Regional Council undertakes the maintenance for land drainage for the rest of the Waikato Region.

Removing vegetation growing in drains so it doesn't block channels is an ongoing maintenance challenge. Spraying of drains is the preferred way of doing this because it:

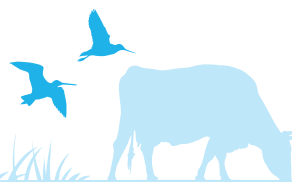
- Is cost effective (up to 10 times cheaper than mechanical clearing)
- Can be carried out quickly by a small team of people
- Leaves less mess on the landowners property
- Minimises the need for mechanical clearing which can often enlarge or deepen drains making them too big
- Has an environmental advantage of not disturbing the area.

Spray programmes are generally undertaken between November and June annually. Manual clearing is also done to keep the pump stations clear to allow them to work efficiently with heavy rainfall.

A one in ten year event has a 10 percent chance of happening and equates to approximately 35mm of rain per hour.



Pouarua Pump Station on Canal West Road after the recent rain. There was so much foliage in the water, it required a digger to help clear it.

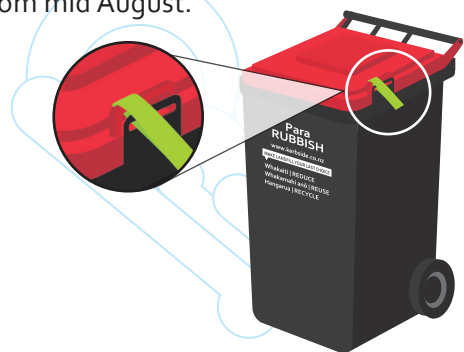


New kerbside collection bins from 1 September

From 1 September 2023, we're adding a para rubbish bin and a para kai food scraps bin to our rubbish and recycling kerbside collection service.

The new 140 litre rubbish bin, collected fortnightly, will replace the yellow pre-paid plastic bags.

You'll need an \$8 *Pay As You Throw* (PAYT tag) each time you put your landfill bin out for collection. Tags can be purchased from supermarkets, dairies and our council service centres from mid August.



Para kai food scraps bin, collected weekly

If you're already composting your food waste, that's great, we encourage you to keep doing it!

The food scraps bin can still be used for things that don't go in your compost bin (like meat scraps, bones, egg shells, bread crusts etc) and for things that don't compost well (like citrus peels, fruit stones, corn cobs etc).



Use both!

We've got a good system going, but there are some things we don't put in our compost like meat scraps, bones, fruit stones and corn cobs. I'll just pop those in the para kai food scraps bin now instead of the rubbish.



When will I get the bins?

Both bins will be delivered to you in late July or early August – the food bin will be inside the rubbish bin. Then inside the food bin you'll find a handy guide telling you everything you need to know about the new kerbside collection and what can go in each bin.

You'll want to get it out and have a good read, as it includes a lucky number to go in the draw to win a six month's supply of PAYT tags for your rubbish bin (drawn during August 2023)!



Scan me to keep up to date with changes to our new kerbside collection, starting on 1 September 2023

www.hauraki-dc.govt.nz/rubbish-recycling/kerbside-collections-new